

# QL/QLE2

Ratchet Head Type Adjustable Torque Wrench

- Assembly
- Adjustable
- Ratchet Head
- Graduation

RoHS

Direction



- Basic adjustable click style with resin grip
- Torque value easily set with external scale and knob

## QL/QL-MH Optional Accessories



Carrying Case (P.45)

Part #	Applicable Model Dimension [mm]
842	QL50N, QL50N-MH, QL100N4-MH H60 × W400 × D70
843	QL140N, QL140N-MH, QL200N4, QL200N4-MH H60 × W520 × D80
846	QL140N, QL140N-MH and below H170 × W500 × D100
847	QL280N, QL280N-MH and below H170 × W740 × D100



Color Cap (P.45)

Part #	Color	Applicable Model
879	Red	QL2N, QL5N
880	Blue	QL10N, QL15N, QL25N5-1/4, QL25N5
881	Green	QL25N5
882	Black	QL25N5



QL Protective Head Cover (P.45)

Part #	Applicable model
870	QL2N(-MH) - 15N(-MH)
871	QL25N5, QL25N-MH
872	QL50N(-MH)
873	QL100N4(-MH)
874	QL140N(-MH)
875	QL200N4(-MH)
877	QL280N(-MH)
878	QSP420N

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
QL	N·m	N·m	20QL	kgf·cm	kgf·cm	QL15I-2A	lbf·in	lbf·in	194	6.35	0.27
QL2N	0.4-2.0	0.02	50QL	4-20	0.2	QL30I-2A	3-15	0.1			
QL5N	1-5	0.05	100QL	10-50	0.5	QL50I-2A	6-30	0.2	219	6.35	0.29
QL10N	2-10	0.1	150QL	20-100	1	QL100I-2A	10-50	0.5			
QL15N	3-15	0.1	225QL5-1/4	30-150	2.5	QL200I-2A	20-100	2.5	237	9.53	0.33
QL25N5-1/4	5-25	0.2	225QL5	50-250	2.5	QL200I-3A	50-200	2.5			
QL25N5	5-25	0.2	450QL3	100-500	5	QL400I-3A	100-400	5	260	9.53	0.45
QL50N	10-50	0.5	-	-	-	QL750I-3A	150-750	10			
QL100N4-3/8	20-100	1	900QL4-3/8	200-1000	10	QL75F-3A	15-75	1	335	12.7	0.69
QL100N4	20-100	1	900QL4	200-1000	10	-	-	-			
QL140N	30-140	1	1400QL3	300-1400	20	QL100F-4A	30-100	1	400	12.7	0.88
QL200N4	40-200	2	1800QL4	400-2000	20	QL150F-4A	30-150	1			
QL280N-1/2	40-280	2	2800QL3-1/2	4-28	0.2	QL200F-4A	30-210	2	695	19.05	2.0
QL280N	40-280	2	2800QL3	4-28	0.2	-	-	-			
QL420N	60-420	2	4200QL2	6-42	0.2	QL300F-6A	60-300	1	995	19.05	3.4
QLE2	N·m	N·m	5500QLE2	10-55	0.5	QL400F-6A	100-400	5			
QLE550N2	100-550	5	7500QLE2	15-75	0.5	QLE600F-6A	150-600	5	1342	25.4	5.6
QLE750N2	150-750	5	10000QLE2	20-100	1	QLE700F-8A	200-700	10			
QLE1000N2	200-1000	10	14000QLE2	30-140	1	QLE1000F-8A	300-1000	10	1895	38.1	11.1
QLE1400N2	300-1400	10	21000QLE2	50-210	2	QLE1500F-8A	500-1500	20			
QLE2100N2	500-2100	20	28000QLE2	80-280	2	QLE2000F-12A	600-2000	20	2405	38.1	14.6
QLE2800N2	800-2800	20	-	-	-	-	-	-			

- Note
1. QL2N-QL25N5 are yellow/black resin grips. QL50N-QL280N are black resin grips.
  2. QL420N and QLE550N2-QLE2800N2 are knurled handles.
  3. Use a through-hole socket for square drive over 25.4mm.
  4. QLE2 models with built-in Adjusting Handle

## QLLS RoHS

- QL style with Limit Switch output
- Wired Error-Proofing, Pokayoke, system for assembly processes



S.I. Model	Metric Model
QLMS2N-MH	20QLMS-MH
QLMS5N-MH	50QLMS-MH
QLMS10N-MH	100QLMS-MH
QLMS10N	100QLMS
QLMS15N	150QLMS
QLMS15N-MH	150QLMS-MH
QLLS25N5	225QL5LS
QLLS50N	450QL3LS
QLLS100N4	900QL4LS
QLLS140N	1400QL3LS
QLLS200N4	1800QL4LS
QLLS280N	2800QL3LS
QLLS420N	4200QL2LS

POKA Patrol, Count Checker CNA-4mk3

Refer to page 27.



\* Sold separately

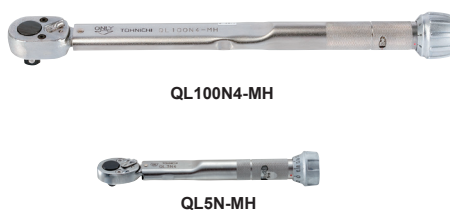
# QL-MH

Ratchet Head Type Adjustable Torque Wrench with Metal Handle

- Assembly
- Adjustable
- Ratchet Head
- Graduation

RoHS

Direction



- Knurled metal handle version of QL
- Ideal for oily working conditions

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
QL2N-MH	0.4-2.0	0.02	20QL-MH	kgf·cm	kgf·cm	QL15I-2A-MH	lbf·in	lbf·in	160	6.35	0.16
QL5N-MH	1-5	0.05	50QL-MH	4-20	0.2	QL30I-2A-MH	3-15	0.1			
QL10N-MH	2-10	0.1	100QL-MH	10-50	0.5	QL50I-2A-MH	6-30	0.2	195	9.53	0.19
QL15N-MH	3-15	0.1	150QL-MH	20-100	1	QL100I-2A-MH	10-50	0.5			
QL25N-MH	5-25	0.25	225QL-MH	30-150	2.5	-	20-100	1	230	9.53	0.25
QL50N-MH	10-50	0.5	450QL-MH	50-250	2.5	-	-	-			
QL100N4-MH	20-100	1	900QL4-MH	100-500	5	-	-	-	260	9.53	0.45
QL140N-MH	30-140	1	1400QL-MH	200-1000	10	-	-	-			
QL200N4-MH	40-200	2	1800QL4-MH	300-1400	20	-	-	-	400	12.7	0.88
QL280N-MH	40-280	2	2800QL-MH	400-2000	20	-	-	-			
QL280N-MH	40-280	2	2800QL-MH	4-28	0.2	-	-	-	695	19.05	1.9
QL280N-MH	40-280	2	-	-	-	-	-	-			